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1. Document ID: US 20080001600 A1

L40: Entry 1 of 20

File: PGPB

Jan 3, 2008

PGPUB-DOCUMENT-NUMBER: 20080001600

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20080001600 A1

TITLE: METHODS FOR MEASUREMENT OF MAGNETIC RESONANCE SIGNAL PERTURBATIONS

PUBLICATION-DATE: January 3, 2008

INVENTOR- INFORMATION:

NAME CITY STATE COUNTRY

deCharms; Richard Christopher Montara CA US

US-CL-CURRENT: 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences
Attachments	Claims	KOMC	Draw Desc	Image				

2. Document ID: US 20070276221 A1

L40: Entry 2 of 20

File: PGPB

Nov 29, 2007

PGPUB-DOCUMENT-NUMBER: 20070276221

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20070276221 A1

TITLE: Prescan for optimization of mri scan parameters

PUBLICATION-DATE: November 29, 2007

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Warntjes; Jan Bertus Marten	Eindhoven		NL

US-CL-CURRENT: 600/410

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences
Attachments	Claims	KMC	Draw Desc	Image				

3. Document ID: US 20070016003 A1

L40: Entry 3 of 20

File: PGPB

Jan 18, 2007

PGPUB-DOCUMENT-NUMBER: 20070016003

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20070016003 A1

TITLE: Open architecture imaging apparatus and coil system for magnetic resonance imaging

PUBLICATION-DATE: January 18, 2007

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Piron; Cameron Anthony	Toronto		CA
Luginbuhl; Christopher Alexander	Toronto		CA
Plewes; Donald B.	Toronto		CA

US-CL-CURRENT: 600/415

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences
Attachments	Claims	KMC	Draw Desc	Image				

4. Document ID: US 20060244449 A1

L40: Entry 4 of 20

File: PGPB

Nov 2, 2006

PGPUB-DOCUMENT-NUMBER: 20060244449

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060244449 A1

TITLE: Sense optimized MRI RF coil designed with a target field method

PUBLICATION-DATE: November 2, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Muftuler; Lutfi	Aliso Viejo	CA	US
Chen; Gang	Irvine	CA	US
Nalcioglu; Orhan	Newport Coast	CA	US

US-CL-CURRENT: 324/318; 29/601, 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences
Attachments	Claims	KOMC	Drawn Desc	Image				

 5. Document ID: US 20060208731 A1

L40: Entry 5 of 20

File: PGPB

Sep 21, 2006

PGPUB-DOCUMENT-NUMBER: 20060208731

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060208731 A1

TITLE: Magnetic resonance parallel imaging method with K-space sensitivity encoding

PUBLICATION-DATE: September 21, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Wang; Jian Min	Shenzhen		CN
Zhang; Bida	Shenzhen		CN

US-CL-CURRENT: 324/309; 324/307

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences
Attachments	Claims	KOMC	Drawn Desc	Image				

6. Document ID: US 20060006867 A1

L40: Entry 6 of 20

File: PGPB

Jan 12, 2006

PGPUB-DOCUMENT-NUMBER: 20060006867

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060006867 A1

TITLE: Magnetic resonance imaging apparatus and method

PUBLICATION-DATE: January 12, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
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Van Den Brink; Johan Samuel	Eindhoven		
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US-CL-CURRENT: 324/318; 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences
Attachments	Claims	KOMC	Drawn Desc	Image				

7. Document ID: US 20050100202 A1

L40: Entry 7 of 20

File: PGPB

May 12, 2005

PGPUB-DOCUMENT-NUMBER: 20050100202

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050100202 A1

TITLE: Method for generating fast magnetic resonance images

PUBLICATION-DATE: May 12, 2005

INVENTOR- INFORMATION:

NAME	CITY	STATE	COUNTRY
Huang, Feng	Gainesville	FL	US

US-CL-CURRENT: 382/128

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences
Attachments	Claims	KOMC	Draw Desc	Image				

8. Document ID: US 20050054910 A1

L40: Entry 8 of 20

File: PGPB

Mar 10, 2005

PGPUB-DOCUMENT-NUMBER: 20050054910

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050054910 A1

TITLE: Optical image-based position tracking for magnetic resonance imaging applications

PUBLICATION-DATE: March 10, 2005

INVENTOR- INFORMATION:

NAME	CITY	STATE	COUNTRY
Tremblay, Marleine	Montreal	GA	CA
Tam, Fred	Toronto		CA
Graham, Simon James	Toronto		CA
Kucharczyk, John	Bishop		US
Marmurek, Jonathan	Guelph		CA

US-CL-CURRENT: 600/411; 600/414

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences
Attachments	Claims	KIMC	Draw Desc	Image				

9. Document ID: US 20050033154 A1

L40: Entry 9 of 20

File: PGPB

Feb 10, 2005

PGPUB-DOCUMENT-NUMBER: 20050033154

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050033154 A1

TITLE: Methods for measurement of magnetic resonance signal perturbations

PUBLICATION-DATE: February 10, 2005

INVENTOR- INFORMATION:

NAME	CITY	STATE	COUNTRY
deCharms, Richard Christopher	Montara	CA	US

US-CL-CURRENT: 600/410

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences
Attachments	Claims	KIMC	Draw Desc	Image				

10. Document ID: US 20040207402 A1

L40: Entry 10 of 20

File: PGPB

Oct 21, 2004

PGPUB-DOCUMENT-NUMBER: 20040207402

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040207402 A1

TITLE: Method and apparatus to improve an mri image

PUBLICATION-DATE: October 21, 2004

INVENTOR- INFORMATION:

NAME	CITY	STATE	COUNTRY
Kellman, Peter	Bethesda	MD	US
McVeigh, Elliot	Phoenix	MD	US

US-CL-CURRENT: 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences
Attachments	Claims	KOMC	Drawn Desc	Image				

 11. Document ID: US 20030076099 A1

L40: Entry 11 of 20

File: PGPB

Apr 24, 2003

PGPUB-DOCUMENT-NUMBER: 20030076099

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030076099 A1

TITLE: Reduced signal to noise ratio array coil image

PUBLICATION-DATE: April 24, 2003

INVENTOR- INFORMATION:

NAME	CITY	STATE	COUNTRY
Hajnal, Joseph V.	London		GB
Bydder, Mark	London		GB
Larkman, David J.	London		GB

US-CL-CURRENT: 324/307; 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences
Attachments	Claims	KOMC	Drawn Desc	Image				

 12. Document ID: US 20030001571 A1

L40: Entry 12 of 20

File: PGPB

Jan 2, 2003

PGPUB-DOCUMENT-NUMBER: 20030001571
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030001571 A1

TITLE: Method for generating images by means of magnetic resonance

PUBLICATION-DATE: January 2, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
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Wang, Jianmin	Erlangen	DE
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US-CL-CURRENT: 324/309; 324/307

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences
Attachments	Claims	KWIC	Draw Desc	Image				

13. Document ID: US 7202666 B2

L40: Entry 13 of 20

File: USPT

Apr 10, 2007

US-PAT-NO: 7202666
DOCUMENT-IDENTIFIER: US 7202666 B2

TITLE: Magnetic resonance parallel imaging method with K-space sensitivity encoding

DATE-ISSUED: April 10, 2007

PRIOR-PUBLICATION:

DOC-ID	DATE
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US 20060208731 A1	September 21, 2006
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INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Wang; Jian Min	Shenzhen			CN
Zhang; Bida	Shenzhen			CN

US-CL-CURRENT: 324/309; 324/318

Full	Title	Citation	Front	Review	Classification	Date	
Reference				Claims	KUMC	Draw Desc	Image

14. Document ID: US 7202663 B2

L40: Entry 14 of 20

File: USPT

Apr 10, 2007

US-PAT-NO: 7202663

DOCUMENT-IDENTIFIER: US 7202663 B2

TITLE: Method for generating fast magnetic resonance images

DATE-ISSUED: April 10, 2007

PRIOR-PUBLICATION:

DOC-ID DATE

US 20050100202 A1 May 12, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Huang; Feng	Gainesville	FL		US

US-CL-CURRENT: 324/307; 324/309

Full	Title	Citation	Front	Review	Classification	Date	
Reference				Claims	KUMC	Draw Desc	Image

15. Document ID: US 7157910 B2

L40: Entry 15 of 20

File: USPT

Jan 2, 2007

US-PAT-NO: 7157910

DOCUMENT-IDENTIFIER: US 7157910 B2

TITLE: Magnetic resonance imaging apparatus and method

DATE-ISSUED: January 2, 2007

PRIOR-PUBLICATION:

DOC-ID DATE

US 20060006867 A1 January 12, 2006

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Van Den Brink; Johan Samuel Eindhoven NL

US-CL-CURRENT: 324/318; 324/309

Full	Title	Citation	Front	Review	Classification	Date	
Reference				Claims	KMC	Draw Desc	Image

 16. Document ID: US 7154268 B2

L40: Entry 16 of 20

File: USPT

Dec 26, 2006

US-PAT-NO: 7154268

DOCUMENT-IDENTIFIER: US 7154268 B2

TITLE: Method and apparatus to improve an MRI image using regularization

DATE-ISSUED: December 26, 2006

PRIOR-PUBLICATION:

DOC-ID

DATE

US 20040207402 A1

October 21, 2004

INVENTOR- INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kellman; Peter	Bethesda	MD		US
McVeigh; Elliot	Phoenix	MD		US

US-CL-CURRENT: 324/309; 324/318 17. Document ID: US 6326786 B1

L40: Entry 17 of 20

File: USPT

Dec 4, 2001

US-PAT-NO: 6326786

DOCUMENT-IDENTIFIER: US 6326786 B1

TITLE: Magnetic resonance imaging method and apparatus

DATE-ISSUED: December 4, 2001

INVENTOR- INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Pruessmann; Klaas P.	Zurich			CH
Weiger; Markus	Dietikon			CH
Scheidegger; Markus B.	Bisikon			CH
Boesiger; Peter	Ennetbaden			CH

US-CL-CURRENT: 324/312; 324/309

Full	Title	Citation	Front	Review	Classification	Date	
Reference				Claims	KIMC	Draw Desc	Image

18. Document ID: US 6289232 B1

L40: Entry 18 of 20

File: USPT

Sep 11, 2001

US-PAT-NO: 6289232

DOCUMENT-IDENTIFIER: US 6289232 B1

TITLE: Coil array autocalibration MR imaging

DATE-ISSUED: September 11, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE ZIP CODE	COUNTRY
Jakob; Peter M.	Brookline Village	MA	
Sodickson; Daniel K.	Cambridge	MA	
Griswold; Mark	Brookline	MA	

US-CL-CURRENT: 600/410; 324/307, 324/309, 324/318, 324/322, 600/422

Full	Title	Citation	Front	Review	Classification	Date	
Reference				Claims	KIMC	Draw Desc	Image

19. Document ID: US 5910728 A

L40: Entry 19 of 20

File: USPT

Jun 8, 1999

US-PAT-NO: 5910728

DOCUMENT-IDENTIFIER: US 5910728 A

TITLE: Simultaneous acquisition of spatial harmonics (SMASH): ultra-fast imaging with radiofrequency coil arrays

DATE-ISSUED: June 8, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP	CODE	COUNTRY
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Sodickson; Daniel Kevin	Cambridge	MA
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US-CL-CURRENT: 324/309

Full	Title	Citation	Front	Review	Classification	Date	
Reference				Claims	KMC	Draw Desc	Image

20. Document ID: US 4812760 A

L40: Entry 20 of 20

File: USPT

Mar 14, 1989

US-PAT-NO: 4812760

DOCUMENT-IDENTIFIER: US 4812760 A

TITLE: Multi-dimensional selective NMR excitation with a single RF pulse

DATE-ISSUED: March 14, 1989

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP	CODE	COUNTRY
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Bottomley; Paul A.	Clifton Park	NY
Hardy; Christopher J.	Schenectady	NY
O'Donnell; Matthew	Schenectady	NY
Roemer; Peter B.	Schenectady	NY

US-CL-CURRENT: 324/309

Full	Title	Citation	Front	Review	Classification	Date	
Reference				Claims	KMC	Draw Desc	Image

Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs
Generate OACS				

Term	Documents
MAGNETIC	1855935
MAGNETICS	17011
MRI	45404
MRIS	725
NMR	196331
NMRS	335
RESONAN\$2	0
RESONAN	1142
RESONANA	3
RESONANAE	3
RESONANAT	7
(L39 AND ((MAGNETIC ADJ RESONAN\$2) OR MRI OR NMR).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	20

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